

MEMORANDUM

INLUC
Agenda Item No. 3(N)


TO: Honorable Chairman Joe A. Martinez
and Members, Board of County Commissioners

DATE: May 16, 2006

FROM: Murray A. Greenberg
County Attorney

SUBJECT: Resolution directing County
Manager to study use of solar
energy batteries to power
traffic signals

The accompanying resolution was prepared and placed on the agenda at the request of Senator Javier D. Souto.

for: 

Murray A. Greenberg
County Attorney

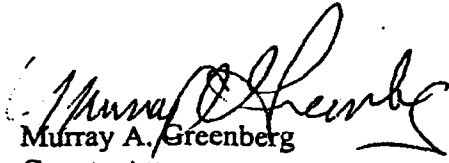
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MEMORANDUM

(Revised)

TO: Honorable Chairman Joe A. Martinez **DATE:** April 25, 2006
and Members, Board of County Commissioners

FROM: 
Murray A. Greenberg
County Attorney

SUBJECT: Agenda Item No.

Please note any items checked.

- ☐ "4-Day Rule" ("3-Day Rule" for committees) applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Bid waiver requiring County Manager's written recommendation
- ☐ Ordinance creating a new board requires detailed County Manager's report for public hearing
- ☐ Housekeeping item (no policy decision required)
- ☐ No committee review

Approved _____ Mayor
Veto _____
Over _____

Agenda Item No.
4-25-06

RESOLUTION NO. _____

RESOLUTION DIRECTING THE COUNTY MANAGER TO STUDY THE USE OF SOLAR ENERGY BATTERIES TO POWER THE NEWER TRAFFIC LIGHTS MOUNTED ON MAST ARMS AND SOLAR ENERGY TO POWER STREET LIGHTS ON SECTION LINE ROADS, SO THAT IN THE EVENT OF A POWER FAILURE, THESE TRAFFIC DEVICES CAN CONTINUE TO FUNCTION IN THE SAME MANNER AS HAVE THE NEW SOLAR POWERED ILLUMINATED BUS SHELTERS FOLLOWING HURRICANE WILMA AND TO DEVELOP A PILOT PROGRAM TO STUDY THE FEASIBILITY AND EFFECTIVENESS OF SUCH TECHNOLOGY

WHEREAS, on October 22, 2005, the County declared a State of Local Emergency for all of Miami-Dade County because of the threat posed by *Hurricane Wilma*; and

WHEREAS, on October 24, 2005, *Hurricane Wilma* impacted Miami-Dade County with severe weather conditions that blocked roadways, rendered virtually all traffic signals inoperable and left approximately 90% of residents and businesses without electrical power; and

WHEREAS, the majority of Miami-Dade County's traffic signals were inoperable because of a loss of electrical power; and

WHEREAS, the loss of virtually all of Miami-Dade County's traffic signals presented enormous challenges to emergency response personnel and residents in taking necessary actions to respond to the impact of the disaster; and

WHEREAS, strategies that assist in preventing the loss of traffic signals as a result of severe weather helps promote the health, safety and welfare of Miami-Dade County,

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that the County Manager is hereby directed to study the use of solar energy batteries to power the newer

traffic lights mounted on mast arms and to power street lights on section line roads, so that in the event of a power failure, these traffic devices can continue to function as successfully as the new solar powered illuminated bus shelters following Hurricane Wilma and to develop a pilot program to study the feasibility and effectiveness of employing such technology.

The foregoing resolution was sponsored by Senator Javier D. Souto and offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____ and upon being put to a vote, the vote was as follows:

Joe A. Martinez, Chairman	
Dennis C. Moss, Vice-Chairman	
Bruno A. Barreiro	Jose "Pepe" Diaz
Audrey M. Edmonson	Carlos A. Gimenez
Sally A. Heyman	Barbara J. Jordan
Dorrian D. Rolle	Natacha Seijas
Katy Sorenson	Rebeca Sosa
Sen. Javier D. Souto	

The Chairperson thereupon declared the resolution duly passed and adopted this 25th day of April, 2006. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY
COMMISSIONERS

HARVEY RUVIN, CLERK

Approved by County Attorney as
to form and legal sufficiency. _____



Eric A. Rodriguez

By: _____
Deputy Clerk